

LDW SF 12.3.54
03/31/06

Puget Sound Clean Air Agency
110 Union Street, Suite 500
Seattle, WA 98101-2038

Activity Record		
Activity	Initials	Date
1. Evaluation	<i>EMG</i>	3/31/06
2. Engineer		
3. Linda/Valerie	<i>EMG</i>	4/4/06
4. Data Entered	<i>EMG</i>	4-7-06
5.		
6.		
7.		
8. Sent to Central Files		

Evaluation Report

Reg #: 11872
AFS #:
Status: Active

Personal Protective Equipment Checklist		
Determined by Inspector based on Compliance Manual Policy 101		
Worn	Safety Equipment	Req/Op
<input type="checkbox"/>	None	_____
<input type="checkbox"/>	Hard Hat	_____ R _____
<input type="checkbox"/>	Goggles	_____
<input type="checkbox"/>	Safety Glasses	_____ R _____
<input type="checkbox"/>	Hearing Protection	_____
<input type="checkbox"/>	Respirator	_____
<input type="checkbox"/>	Safety Shoes	_____
<input type="checkbox"/>	Rubber Boots	_____
<input type="checkbox"/>	Leather Gloves	_____
<input type="checkbox"/>	Chemical Gloves	_____
<input type="checkbox"/>	Coveralls	_____
<input type="checkbox"/>	Tyvek	_____
<input type="checkbox"/>	Safety Vest	_____ R _____
<input type="checkbox"/>	Other	_____

Inspector EMG Engineer FLA
Last Onsite Compliance 03/01/2006

Facility: Glacier Northwest Inc, W Marginal
 Physical Address: 5900 W Marginal Wy SW
 Seattle 98106
 Invoice Address: PO Box 1730
 Seattle WA 98111

- | <u>Contacted</u> | <u>Phone</u> | <u>Fax</u> | <u>E-mail</u> |
|---|---------------------------------------|------------|---------------|
| <input type="checkbox"/> Brian Wiggington, Enviro Mgr | (503) 335-2889 | | |
| <input checked="" type="checkbox"/> Steve Penswick, Assistant Manager | (206) 909-4084 | | |
| <input checked="" type="checkbox"/> <i>Matt Hinck</i> | (206) 768-7612
cell (206) 914-9764 | | |
| <input type="checkbox"/> | | | |
| <input type="checkbox"/> | | | |

NAICS: 423320 - Brick, Stone, and Related Construction Material Merchant Wholesalers

Evaluation Date: 3/31/06 1:25 pm Clean Air Reps: E Gilpin

Evaluation Type: Onsite Compliance Onsite Observation Follow-up Administrative Task

Evaluation Summary: Contacted Steve Penswick wearing Agency ID. Verified removal of 13,000 CFm Truck loading Baghouse, CE(3). This dust collector has been replaced by 3 New Baghouses, NOC 9379.

Updates: AOD Equipment NOC Operating Status Owner/Name Other contact list

Attachments: Notice of Completion 9379

NOV/WW # Issued:

Other Action:

Evaluation Prepared by: *M* *[Signature]*

Date: 3/31/06



Onsite Compliance Evaluations (Last 3)

Eval Date	Inspector	Inspector	Notes	NOV/WW
03/01/2006	EMG		CSR - no violations. [b/h will be on-line next week]. Update File, NC, Equip List.	
02/22/2005	EMG	FLA	CSR - no violations. Reminder to establish pressure drop range. NC 9079.	
11/26/2002	EMG		Update Equip List. Change NAICS code.	

Onsite Observation Evaluations (Last 3) - None

Offsite Report Evaluations (Last 18 Months) - None

Onsite Complaint Evaluations (Last 3)

Eval Date	Inspector	Inspector	Case#	Case Type	NOV/WW
10/17/2002	EMG		2002501028	Dust/Fallout	
05/09/1997	MM		97500614	Dust/Fallout	

Violation History (Last 2 Years) - None

Open AOD Conditions - None

Notices of Construction / Notifications Evaluation Pending - None

Notices of Construction / Notifications

Inactive?	NOC / Notice #		Approved	Evaluated
<input type="checkbox"/>	9079	Loading/unloading equipment Conditions	12/16/2004	02/22/2005
		3. Glacier Northwest Inc. shall allow no visible emissions or fallout from the operation of the baghouse. If emissions are observed Glacier Northwest Inc. shall immediately investigate the cause and initiate repairs or use corrective actions. 4. Glacier Northwest Inc. shall not allow baghouse emissions to exceed 0.02 gr/dscf as measured by a compliance source test following the requirements of Regulation I, Section 3.07. 5. Glacier Northwest Inc. shall, within 30 days after startup, determine the pressure drop range across the baghouse during normal operations, and record the maximum and minimum pressure drop readings in the facility's Operations and Maintenance Plan as required by Puget Sound Clean Air Regulation I, Section 5.05, and this pressure drop range shall be made visible for equipment inspections. 6. Glacier Northwest Inc. shall inspect equipment at least once per week during operations. Inspections shall include recording the presence or absence of visible emissions or fallout, and that the pressure drop across the baghouse is within the established range of Condition No. 5. 7. If visible emissions, fallout, or abnormal pressure drop are observed, Glacier Northwest Inc. shall investigate the cause and within 24 hours of the observation, initiate and record corrective actions. 8. Glacier Northwest Inc. shall maintain records for at least two years and make these records available to Puget Sound Clean Air Agency personnel upon request.		
<input type="checkbox"/>	9203	baghouse Conditions	05/12/2005	03/01/2006
		Description Two New Filter Technology Baghouses Models BV-730 and BVHL-250 exhausting 3,500 cfm and 1,000 cfm respectively to control existing loading/unloading equipment.		
		3. There shall be no visible emissions or fallout from the BHA Pulse-Jet cartridge Baghouse. 4. Glacier Northwest, Inc. shall not allow emissions from the baghouse to exceed 0.01 gr/dscf as measured by a compliance source test following the requirements of Regulation I, Section 3.07. 5. Glacier Northwest, Inc. shall, within 60 days after startup, determine the pressure drop range across the baghouse during normal operations, and record the maximum and minimum pressure drop readings in the facility's Operations and Maintenance Plan as required by Puget Sound Clean Air Regulation I, Section 5.05, and this pressure drop range shall be made visible for equipment inspections. 6. The BHA Pulse-Jet cartridge Baghouse shall be inspected at least once per week when equipment vented to the unit is operating. Inspections shall include a check for visible emissions and fallout. Inspections shall include recording the presence or absence of visible emissions or fallout, and that the pressure drop across the baghouse is within the established range of Condition No. 5. 7. If visible emissions or fallout are observed, Glacier Northwest, Inc. shall investigate the cause and either initiate repairs or shut down the equipment vented to the baghouse within 24 hours of the observation. 8. Records of all inspections and corrective actions shall be maintained for at least two years and made available to Puget Sound Clean Air Agency personnel upon request.		

Description

Notices of Construction / NotificationsInactive? NOC / Notice #
FLA initials

Approved Evaluated

BHA Pulse-Jet cartridge Baghouse at 13,000 acfm replaces Order of Approval 3518.

 9379 3 baghouses on cement loadout 02/14/2006 03/01/2006**Conditions**

3. Glacier Northwest, Inc. shall not allow visible emissions or fallout from the C&W Model CPR 9000S and C&W Model 610C baghouses.
4. Glacier Northwest, Inc. shall not allow emissions from the baghouse to exceed 0.01 gr/dscf as measured by a compliance source test following the requirements of Regulation I, Section 3.07.
5. Glacier Northwest, Inc. shall, within 60 days after startup, determine the pressure drop range across the C&W Model CPR 9000S and C&W Model 610C baghouses during normal operations, and record the maximum and minimum pressure drop readings in the facility's Operations and Maintenance Plan as required by Puget Sound Clean Air Regulation I, Section 5.05, and this pressure drop range shall be made visible for equipment inspections.
6. The C&W Model CPR 9000S and C&W Model 610C baghouses shall be inspected at least once per week when equipment vented to the unit is operating. Inspections shall include a check for visible emissions and fallout. Inspections shall include recording the presence or absence of visible emissions or fallout, and that the pressure drop across the baghouse is within the established range of Condition No. 5.
7. If visible emissions or fallout are observed, Glacier Northwest, Inc. shall investigate the cause and either initiate repairs or shut down the equipment vented to the baghouse within 24 hours of the observation.
8. Records of all inspections and corrective actions shall be maintained for at least two years and made available to Puget Sound Clean Air Agency personnel upon request.

Description

Replacement Baghouses for the existing Cement Silos and Truck Loadout including: (2) C&W Model CPR 9000S @ 9000 cfm each and (1) C&W Model 610C @ 3000 cfm.

Air Contaminant Generating Equipment, Associated Control Equipment

Inactive?

- | | | | | |
|--------------------------|-----|--|---------------------------------|----------------------|
| <input type="checkbox"/> | (1) | Storage Bin/Silo System
12 Cement Silos Truck Loading
Rated: 48130 Ton | Year Installed: 1967 | NC/NOT #: |
| <input type="checkbox"/> | | CE (1) Baghouse (2)
C&W Model CPR 9000S
Rated: 9000 CFM | Year Installed: 2006 | NC/NOT #: 9379 |
| <input type="checkbox"/> | (2) | Loading/Unloading
Cement Truck Spouts
Rated: 2400 Ton | Year Installed: 1967 | NC/NOT #: |
| <input type="checkbox"/> | | CE (2) Baghouse
C&W Model 610C
Rated: 3000 CFM | Year Installed: 2006 | NC/NOT #: 9379 |
| <input type="checkbox"/> | (3) | Loading/Unloading
Truck Loading - Cement W/Displacement Air Retrieval
Rated: 400 Ton | Year Installed: 1967 | NC/NOT #: |
| <input type="checkbox"/> | | CE (3) Baghouse
Truck Loading Reverse Air | Year Installed: 1967 | NC/NOT #: |
| <input type="checkbox"/> | | CE (5) Baghouse
Model BV-730 3rd floor Silo # 9 flyash
Rated: 3500 CFM | Year Installed: 2004 | NC/NOT #: 9079 |
| <input type="checkbox"/> | | CE (6) Baghouse
Model BVHL-250 Fly ash scale
Rated: 1000 CFM | Year Installed: 2004 | NC/NOT #: 9079 |
| <input type="checkbox"/> | (4) | Loading/Unloading
Ship Unloading Dockside Ds-G400e
Rated: 440 Ton/Hr | Year Installed: | NC/NOT #: 3518 |
| <input type="checkbox"/> | | CE (4) Baghouse
BHA Pulse-Jet cartridge
Rated: 13000 CFM | Year Installed: | NC/NOT #: 9203 |

Air Contaminant Generating Equipment, Associated Control Equipment

Inactive?

- (5) Bagger
Rated: 4000 Lb Year Installed: NC/NOT #:
- CE (3) Baghouse
Truck Loading Reverse air
Rated: 13000 CFM Year Installed: 1967 NC/NOT #: *remove*
- (6) Soil Venting System
Ozone Injection & Soil Vapor Extraction Sys
Rated: 0 Year Installed: 1999 NC/NOT #: 7938
- (7) Cement Concrete Plant
Barge Unloading
- No asterick* → CE (7) Baghouse
North Storage Cement Silos
Rated: 10000 CFM Year Installed: 1967 NC/NOT #:
- (8) Cement Concrete Plant
Barge Unloading
- CE (8) Baghouse
South Storage Cement Silos
Rated: 10000 CFM Year Installed: 1967 NC/NOT #:
- (9) Cement Concrete Plant
Rail Car Unloading
- CE (9) Baghouse
Railcar
Rated: 10000 CFM Year Installed: 1967 NC/NOT #:

* This item does not require a Notice of Construction.

Other Control Equipment - None

Emission Summary - None for 2003 or 2004